

Abstract of the Disclosure

The present invention relates to a protection device for use in a lumen of a patient's body. The protection device has a fiber matrix electrospun about an expandable and collapsible wire frame. In the collapsed configuration the protection device may be advanced within a lumen. In the expanded configuration, the protection device is able to engage the walls of the lumen wherein, the fiber matrix forms a plurality of pores for preventing the passage of particulate material and allow fluid to flow through.

PROVISIONAL PATENT